

Massachusetts Occupational Injuries and Illnesses

As Compiled by
The Massachusetts Division of Occupational Safety
and the U.S. Department of Labor



Agriculture, Forestry, and Fishing Industry 2001 Report

Select Occupations in the Agriculture, Forestry, and Fishing Industry

- ♦ Farm workers
- ♦ Horticultural workers
- ♦ Nursery workers
- ♦ Groundskeepers & gardeners
- ♦ Livestock workers
- ♦ Dairy farmers
- ♦ Animal specialists
- ♦ Livestock veterinarians
- ♦ Agricultural services
- ♦ Landscapers
- ♦ Forestry workers
- ♦ Commercial fishers

Includes Standard Industrial
Classification codes 01-09

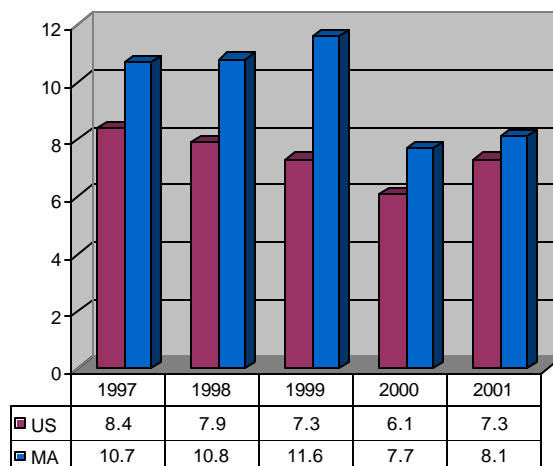
MA 2001 Population:
6,379,304

MA 2001 Employment:
3,276,105

Source: MA Division of Employment and Training; U.S. Census

Incidence Rates

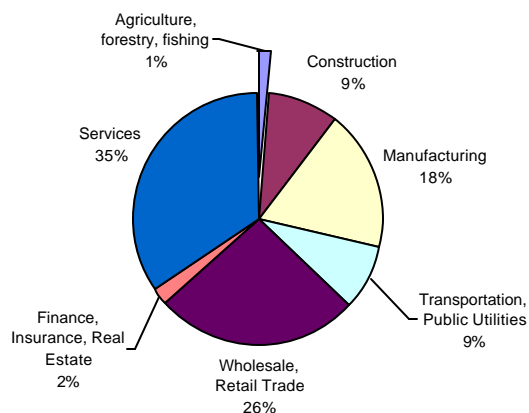
Chart 1: Incidence rates¹ of nonfatal occupational injuries and illnesses (per 100 full time workers), Agriculture, Forestry & Fishing, MA & US 1997-2001



- The incidence rate in MA in 2001 was 8.1, a slight increase from 7.7 in 2000
- MA rates were slightly higher than National rates in 2000 & 2001

Injury and Illness Numbers

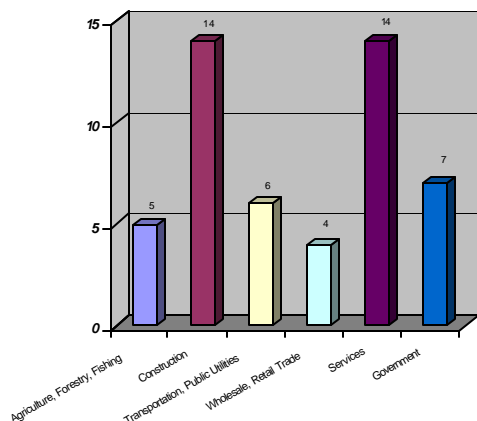
Chart 2: Percent distribution of nonfatal occupational injuries and illnesses by major industry, 2001



- The total number of nonfatal occupational injuries and illnesses in MA in 2001 was 122,900 (all industries)
- The Agriculture, Forestry, and Fishing industry made up 1% of the total injuries and illnesses in MA, or 1,600

Fatality Data

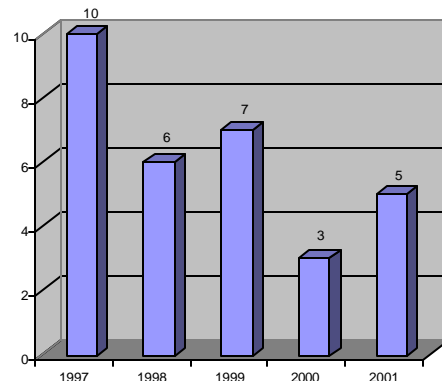
Chart 3: Number of fatal occupational injuries by major industry, 2001



- The Agriculture, Forestry, and Fishing industry represents 5 of the 53 total workplace fatalities in MA in 2001
- There were two more fatal injuries in 2001 than in 2000 in the Agriculture, Forestry, and Fishing industry

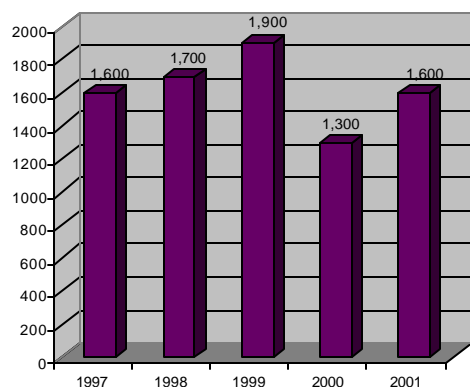
Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries
NOTE: Some data do not meet publication criteria and will not add to the

Chart 4: Number of fatal occupational injuries, Agriculture, Forestry & Fishing, 1997-2001



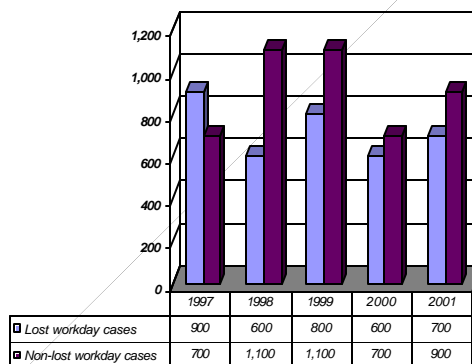
Injury and Illness Data

Chart 5: Total number of nonfatal injuries and illnesses, Agriculture, Forestry & Fishing 1997-2001



- The total number of nonfatal injuries and illnesses in MA increased by about 300 in the Agriculture, Forestry, and Fishing industry from 2000 to 2001
- There were about 100 more lost workday cases in 2001 than in 2000 and 200 more non-lost work day cases

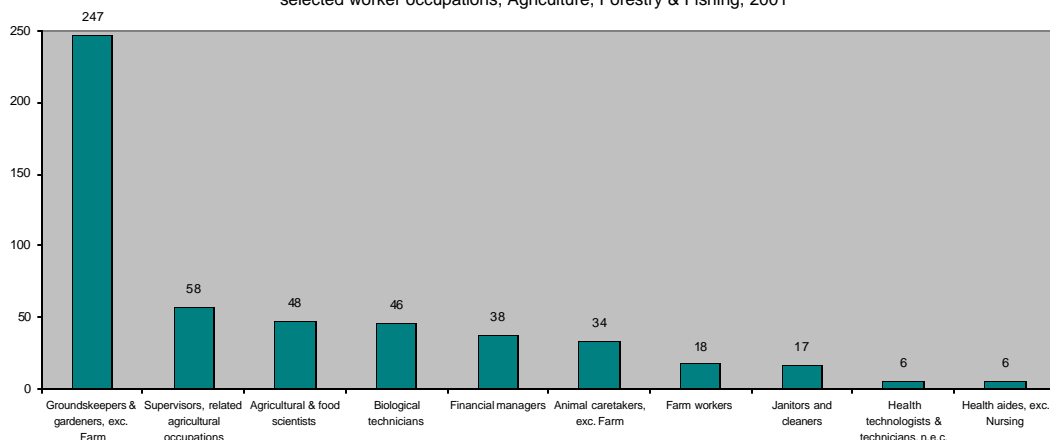
Chart 6: Numbers of Lost workday² v. Non-lost workday cases of nonfatal occupational injuries and illnesses, Agriculture, Forestry & Fishing, 1997-2001



Occupation Data

Chart 7: Highest numbers of nonfatal occupational injuries and illnesses involving days away from work by selected worker occupations, Agriculture, Forestry & Fishing, 2001

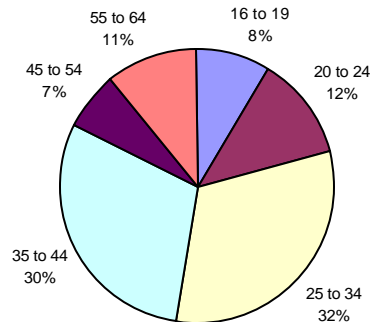
- Groundskeepers and gardeners had the highest numbers of injuries and illnesses involving days away from work in MA in 2001, followed by Supervisors and Agricultural and food scientists



Case & Demographic Data

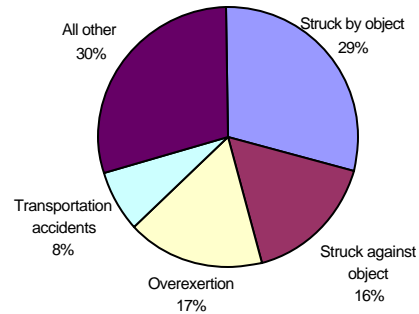
Age

Chart 8: Percent distribution of nonfatal injuries and illnesses involving days away from work by age of worker, Agriculture, Forestry & Fishing, 2001



Event or Exposure

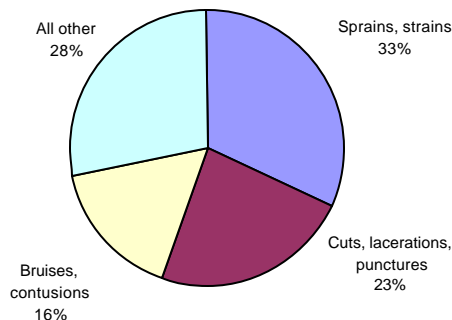
Chart 9: Percent distribution of nonfatal injuries and illnesses involving days away from work by event or exposure, Agriculture, Forestry & Fishing, 2001



- **Workers ages 25 to 34 were the most commonly injured in the Agriculture, Forestry, and Fishing industry**
- **Overexertion and being struck by an object were the highest cause of injury and illness in 2001**
- **Sprains and strains were most common nature of injury and illness, followed by cuts, lacerations, and punctures**
- **Injuries and illnesses to the upper and lower extremities made up about 65% of the total injuries and illnesses in the Agriculture, Forestry, and Fishing industry in 2001**

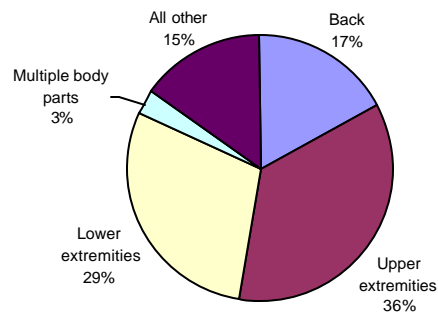
Nature of Injury

Chart 10: Percent distribution of nonfatal injuries and illnesses involving days away from work by nature of injury, Agriculture, Forestry & Fishing, 2001



Part of Body

Chart 11: Percent distribution of nonfatal injuries and illnesses involving days away from work by part of body, Agriculture, Forestry & Fishing, 2001



¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: $(N/EH) \times 200,000$ where
N = number of injuries and illnesses
EH = total hours worked by all employees during the calendar year.

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

² Total lost workday cases involve days away from work, days of restricted work activity, or both.

NOTE: Because of rounding, components may not add to totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

Massachusetts Occupational Injuries and Illnesses 2001 Report: Agriculture, Forestry, and Fishing Industry



This report was compiled from data collected by the Massachusetts Division of Occupational Safety under a cooperative agreement with the U.S. Department of Labor, Bureau of Labor Statistics. Data has also been included from the Census of Fatal Occupational Injuries and the Massachusetts Division of Employment and Training.

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available at:

www.bls.gov/IIF

Safety and Health resources available at:

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www.mass.gov/dos/stats

All Industries
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Manufacturing
Services
Transportation and Public Utilities
Wholesale and Retail Trade

Mining (see: www.msha.gov)



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